

Abell, Joe M. Jr.	224	Auto alarm unit	232	Bolt, Richard	55	Cattle feed	93	Corner patching	360
Ablor, Robert A.	230	Auto butler	214	Boite, Kelsey	199	Cavanagh, Denis	285	Corrigan, Robert E.	40
Abma, John S.	349	Auto-immunity	435	Bone disease	54, 224	Cell coating	202	Corrigan, Gunter	20
Abrams, William B.	412	Automobile models	160	Book-ends	382	Cell nucleus	381	Cosmic rays	47, 321
Abt, Clark C.	17, 27, 137	Automobile safety	37, 41, 75, 142, 238	Bores, Lyle B.	75	Cells	96, 189, 310	Cosmological constants	333
Accelerators	17, 27, 137	Autumn leaves	248	Bottle test	305	Cells, Suffocating	131	Costello, Robert B.	179
Accidents, U.S.	421	Axolotl	191	Boudreau, Alban M.	179	Census 1960	712	Cot, Compact	128
Achilles tendon	54	Axon, H. J.	235	Bovenkerk, Harold P.	91	Century 21	6, 39, 226	Cotton, Eugene S.	13
Acne	9	Ayres, Samuel Jr.	417	Bow design	55	Ceramics	45, 86	Courtney-Pratt, J. S.	89
Acorns	360	Babbott, Frank L.	358	Bowen, E. G.	394	Cesium engine	235	Cowan, F. F.	289
Adam, Grace	374	Babcock, Horace W.	411	Bowen's disease	257	Cesium-137	320	Cox, William H.	374
Johnstone	368	Babies, 3, 218, 285, 289	396	Bowler, William	310	Chafetz, Morris E.	66	Coyote	86
Adams, Mark F.	151	Baby harness	328	Boylan, Russell O.	53	Chain template	328	Craters	105
Adams, Raymond	190	Bachman, Allan E.	303	Boyce, W. C.	268	Chair, High	408	Crayfish	192
Adams, Sidney	36	Bachman, Charles	396	Boyd, John L.	286	Chao, E. C. T.	413	Creativity	315
Adelson, Lester	225	Bacteria, 8, 66, 241, 316, 364	36	Boyer, Keith	318	Chapman, John	11	Credits, E. C.	104
Adenine	286	Badger	18	Boys	357	Charcoal holder	128	Crime, USSR	142
Adey, Ross	328, 376	Bading, Charles E.	269	Bradford-Hill, Sir	105	Chardack, William M.	334	Cris, George J.	305
Adhesives	25	Baer, John D.	17	Austin	416	Chase, Herman B.	332	Crop harvest dates	406
Adoptions	168	Bailey, Cleveland M.	4	Bradshaw, Francis F.	218	Chemical warfare	224	Cross, Aureal T.	351
Adersold, Paul C.	161, 178	Bain, George W.	336	Braidwood, Robert J.	23	Chemicals, Odor	27	Crystall growth	193
Aerial spraying	89	Bainbridge, A. E.	192	Brain	136, 283, 286, 353, 416	Chemists	172	Crystalline	117
Meromedical research	19, 120, 239	Bainbridge, V.	224	Brain surgery	300	Cherniak, George	20	Lealand E.	304
Agalides, Eugene	78	Baker, Charles A.	289	Brandt, John C.	411	Chessman	360	Curcio, J. A.	320
Aging	137, 238, 347, 358, 396	Balagot, Reuben C.	417	Brander, Mary A. B.	416	Chewing gum	117	Custers, F. H.	197
Agostino, D.	136	Baldness	208	Brasil	121	Chicken malaria	191	Cybertron	337
Agrofoglio, Giorgio	396	Baldwin, Howard	218, 219	Breast enlargement	337	Child autopsy	36	Czechoslovakia	66
Ahmadjian, Vernon	164	Bank, Drive-In	218, 219			Childbirth	379		
Air-conditioning	20	Banks, A. Lawrence	25			Childhood diseases	358		
Air patient	67								
Air pollution	10, 41, 288, 352								
Air safety	73, 82, 100								
Air sickness	238								
Air terminal	14								
Air trailer	7								
Airplanes, Light	100								
Aitken, George T.	104								
Alarm, Portable	48								
Alaska	62, 165, 336								
Albatross	199, 208								
Alcohol	42, 66, 195								
Alcoholics	89								
Alder, Atomic	157								
Alderson, Samuel W.	53, 206								
Algae	374								
Alford, Almon	131, 136, 183								
Allergies	190								
Altman, James W.	144								
Aluminum door	165								
Alvarez, Luis W.	241								
Alvartumian, V. A.	241								
American Medical Association	38, 240								
Amino acids	137								
Amputations	104, 253								
Amundsen, Roald	416								
Anderson, Clifford W.	240								
Anderson, Albert D.	240								
Anderson, Carl L.	42								
Andrews, J. Robert	20, 206								
Anesthetics	363								
Angel, Lawrence	73								
Anhorn, V. J.	64								
Animal oxygen tent	225								
Animal trackings	121, 130								
Animals, Burrowing	147, 140								
Antarctic	249, 263								
Antarctic peak	105								
Anthrax	191, 238, 288, 337								
Antibiotics	131								
Antigen	358								
Antiseptic	187								
Anti-static	99								
Antony, George	133								
Ants	360								
Anxiety	46, 382								
Apple corer	16								
Apples	207								
Applicator	361								
Arabia	102								
Archaeologist's aid	5								
Archimedes' principle	319								
Arctic	130, 316								
Arnold, James R.	137								
Arnon, Daniel I.	22, 36, 302, 370, 383								
Arteries	198								
Arthritis	99, 103								
Arvola, Alpo	320								
Asia	22, 72								
Asian influenza	218								
Aspirin	88, 99								
Assali, Nicholas	433								
Asthma	177								
Astin, Allen V.	21, 268								
Astramech	50								
Astronaut	350								
Astronomical units	427								
Astronomy	396								
Athlete's foot	82, 413								
Atmosphere, Upper	187, 218, 349								
Atmospheric changes	127, 422								
Atmospheric	409, 415								
research	120								
Atomic bomb	50, 219, 338, 427								
Atomic Energy Commission	393, 394								
Atomic "snow-flakes"									
Auerbach, Oscar									
Auroras									
Australian radio telescope									

SCIENCE NEWS LETTER INDEX SCIENCE SERVICE, WASHINGTON 6, D. C. Vol. 80, Nos. 1-27, July-Dec., 1961, pp. 1 through 436

Lift out and insert in binder at beginning of volume

Baranson, Jack	54	Breathing capacity	321	Children	5, 25, 72, 88, 104, 116, 148, 149, 238, 253, 289, 353
Barbehenn, Kyle	43	Breeding	163	Children, Retarded	360
Barley	389	Bressler, Glenn O.	423	Children's leash	360
Barnard, Cecil P.	423	Briggs, John F.	20	Chimp	351, 381, 390
Barnett, Michael P.	105	Briggs, M. H.	241	China, Red	218
Barry, Kevin G.	395	Britain	87, 117	Chiropractic	353
Bartemeier, Leo H.	73	Broadcast voices	390	Cholera vaccination	433
Bascom, Willard	321	Brook, Morris Harry	382	Cholesterol	38, 206, 407
Basophil	136	Brown, Frank A.	192	Christensen, William N.	102
Bathub rail	200	Brown, Gene M.	131	Christmas decoration	362
Battery	232	Brown, William J.	368	Chromium-51	379
Battery additive AD-X2	433	Brunton, Donald C.	254	Church, Ancient	57
Battery terminal	312	Btu ratings	303	Cicadas	112
Baum, William A.	333	Buchbinder, Leon	25	Cigarette box	184
Beadle, George W.	415	Buck, Dudley A.	423	Civil defense	258, 380, 405, 411
Beaunks	137	Buck, Robert W.	257	Clark, S. P. Jr.	413
Beaver	312	Buckwalter, Joseph A.	288	Clarke, Arthur C.	251
Becker, William Jr.	56	Buddenhagen, T. F.	21	Claassen, William H.	62
Beebe, Herbert R.	126	Buettner-Janusch, John	363	Cleanser applicator	328
Beef	43	Bunim, Joseph J.	370	Climate, Warming	335
Bees	145, 156, 232	Buoys, Automatic	167	Clippings cutter	278
Beetle	120	Burkin, Adolph J.	230	Clothing, Future	333
Behavior	396	Burns	334	Coal dust	118
Beicher, E. H.	84	Burnstein, Theodore	100	Coale, Ansley J.	270
Beik, Leopold	137	Business card holder	96	Coates, L. D.	43
Belt, Zero gravity	351	Butterflies	214	Cochlea	283
Benedict, Elliott T.	203	Button stitcher	214	Cochran, William	3
Bennett, H. Stanley	202	CAPLA	257	Cocoste	23, 103
Bentley, Charles R.	147	Cable, Submarine	352	Coffee	385
Bergey, Karl H.	100	Cafe table leg	232	Coffee maker	392
Berkson, Joseph	382	Caldecott, Richard	336	Coffee mill, Electric	206
Berland, Bjorn	152	Calvin, Melvin	317, 403	Cold virus	47
Bessman, Samuel P.	194	Can openers	96, 144	Colleges	57, 103
Bethe, Hans A.	394	Canada	11, 336, 337	Color slide rule	128
Bevington, Charles E.	143	Canadian research	227	Colors, Coordinated	407
Bialy, Karol J.	213	Canal	11, 19, 46, 66, 164, 166, 198, 253, 272, 310, 320, 334, 379, 382, 385, 417	Comb, Curley	128
Bibby, Dause L.	422	Cancer, Cervix	326	Comet, Artificial	146
Bigelow, John	238	Cancer, Eye	353	Comet Seki	304, 351, 363
Biological clocks	270	Cancer, Lung	100, 120, 121, 256	Comets	58, 215, 256
Biological pest control	148	Cancer, Telling	299	Communications	127
Biology courses	365	Cancer patients truth	299	High-speed	11
Birds, Migratory	321	Cancer cells	136	Communications, Underground	11
Birds, Birth defects	430	Cancer detection	27, 167	satellites	7, 52, 110, 135, 146, 251, 369, 253
Births, Premature	39	Cancer drugs	120, 123, 334	Computer teaching	253
Bishop, Edward H.	39	Cancer protection	419, 435	Computers	7, 43, 53, 74, 84, 105, 117, 149, 167, 177, 190, 191, 205, 219, 271, 289, 410, 417, 422
Blain, Albert	382	Cancer treatment	2, 20, 241, 300	Computing center	126
Blair, Emil	396	Cantilever roof	1, 14	Conkwright, Robert D.	126
Blanco, V. M.	167	Car desk	296	Conn, Jerome W.	435
Blanket, Flameproof	61	Car visor	248	Conservation	61
Blasting technique	81	Carbon dioxide	335	Contact lenses	417
Blumeister, William C.	63	Carbon-12	115	Containers	206
Blind	93	Carbon-14	122, 206	Contraceptives	67, 381
Blindness	208	Cardiactivator	150	Cooley, Denton A.	109
Blood	96, 137	Carpenter, E. W.	407	Cooling capacity	160
Blood clots	109, 191	Carter, C. F.	202	ratings	303
Blood diseases	94	Cartwright, Dorwin	205	Copper, Dexter P. Jr.	115
Blood flow	72, 218	Caspers, J. W.	98	Cork extractor	144
Blood pressure	102, 105, 257	Caster cups	112	Cork pegged planks	16
Blood types	288	Cathy, H. A. M.	41	Cornbleet, Theodore	9
Blue baby	218, 302				
Blumberg, Joe M.	334				
Blumberg, Mark S.	117				
Bodian, David	240				
Body radiation count	304				
Body temperatures	133				
Boggs, Joseph D.	19, 206				
Bohannon, Richard L.	366				

DNA	117, 209, 379
DNA model	163
DOSS	96
Dahl, Lewis K.	105
Daniels, Farrington	318
Dating methods	83, 405
Dauer, Carl C.	302
Davis, Irving	164
Davis, James A.	368
Davis, Jerome I.	107
Davis, Watson	406
Dean, Thelma J.	257
Death, Fear of	166
Death rate, U.S.	435
DeBach, Paul	148
Decontamination	262
fountain	262
DeCorso, S. M.	34
Dedolph, Richard R.	382
de Fries, P. J.	369
del Greco, Francesco	417
Denniston, George	429
Dentist drill	64
Dentistry	26, 40, 430
Desert field	332
Detector, Sequential	96
Deutsch, Sid	118
Devantier, Karl	91
Edmund	91
Devol, Lee	91
Diabetes	120
Diamond	217, 230
T-formation	217, 230
Diamonds, Man-made	23
Dicke, R. H.	333
Diet, Gluten-free	56
Diet, Liquid	272
Diet, Military	334
Diet deficiency	430
Dietz, G. H.	162
Di Leonardo, Germano	267
Diologie, John H.	9
Dipole	205, 320, 393
Dipoles	134, 303, 433
Dirac, P. A. M.	333
Disability days	422
Disarmament	421
Disaster medical care	269
Discoverer satellites	52, 163, 223, 410
Disease, Food-borne	302

EACA	22	Food	Salikes	240	Guanidine	29, 51, 95,	Hurricanes	202, 219, 225,	349	Koelle, H. H.	287
Bal	184	Food	For Feas	24, 307	hydrochloride	130				Koim, Henry H.	72
Earth	130, 411,	427	Food	patterns, U. S.	54	Guatemala	335	Hurst, Vernon J.	104	Koppány, Theodore	282
Earth satellites	82	Food	poisoning	25, 302	Guilford, J. P.	315	Hutchins, Curtis M.	257	Kordylewski, K.	287	
Earth's core	256	Food	poisons	115	Gulf Stream	224	Hutt, F. B.	105	Kozłowski, T. T.	406	
Earth's crust	8, 89,	411	Food	preservation	168	Gunsfeld, Joseph R.	190	Hydrogen, Liquid	368	Kraft, Robert P.	71
Easton, Nelson E.	75	Food	quacks	350	Guthrie, J. F.	114	Hydrogen-fluorine	331	Krapins man	285	
Echo I satellite	135	Food	quality	350	Guthrie, Robert	289	Hypothalamus	123	Kriegsmann, W. E.	285	
Eclipse, Lunar	9	Food	spillage	183	Gutman, Alan F.	39	Hypothyroidism	358	Kristoferson, Alfred	281	
Economic cooperation	38	Food	survival kit	248	Gwyn, John L.	9			Krol, Edward J.	169	
Edelberg, Arthur F.	213	Foods	Frozen	384	Gyrolane	115			Kuhn, Hedwig S.	417	
Editing machine	105	Football		136, 272					Kunen, Alfred E.	328	
Edmondson, F. W.	412	Forest fire		118	Haddon, William Jr.	75			Kupetsky, V. N.	121	
Education	4, 55,	Forest use		257	Hairton, Peter	253			Kurts, Howard G.	71	
Edwards, Robert L.	218	Forsee, James H.	333	Halaby, N. E.	73, 89	Identification lockets	16				65, 75
Egyptians, Ancient	333	Forster, William C.	421	Hall, Stacie	382	Illegitimacy	100				
Ehrhart, N. Joel	337	Fraser, Arthur P.	207	Halley's comet	386	Image tubes	326				
Elredge, Kenneth R.	207	Fractures		374	Halper, Abby	335	Immunization, U. S.	246			
Electric power	6, 106	Franeone, Nicola	374	Hamilton, Donald A.	30	Incas	121				
Electricity, Space	203, 235	Frank, Hilmer A.	193	Hammond, E. Cuyler	121	Incest taboos	363				
Electron accelerator	17, 27	Fraser, F. Clarke	238	Handicapped	383	Incubators	64, 200, 408				
Electronic coin tosser	386	Fraternities		Hands, Arthritic	370, 383	India	274, 304				
Electronic eyes	296	Fressa, Michael	495	Hanemann	301	Industrial Ocean	274, 304				
Electronic intelligence	56	Friedman, Sol	430	Happ, George M.	120	Industrial research	256				
Electronic "Library"	64	Froehlich, Harold E.	107	Harmon, Gregory J.	11	Infant mortality	241				
Electronometer	189	Frostbite	253	Harper, Alfred E.	320	Influenza	225, 227, 429				
Elesser, Charles C.	157	Fruit tray	264	Harrington, Robert W.	417	Influenza viruses	320				
Emery, Jerrell B.	236	Fuels policy	256	Harrison, Tom	27	Infrared photography	133				
Emmons, Chester W.	78	Fulton, John B.	206	Hartman, Rae E.	337	Infrared photometer	53				
Emotional disorders	40	Fungus	67	Harvey, John J.	2	Ingram, J. E.	35				
Employment	24	Fusion, J. George	187, 188, 318	Hasson, Don G.	423	Ink markers	312				
Enders, John F.	203			Hat rack, Wall	128	Inks	278, 368				
Engineers	41, 216, 422			Hattersley-Smith, Geoffrey	365	Insect preservation	387				
Enrico Fermi award	394			Haurowitz, P.	131	Insect stings	183				
Entryway, Prefab	376			Hauser, Philip M.	168	Insects	148, 168				
Enzymes	130, 131, 193			Hazard, C.	45	Instantaneous	396				
Epilepsy	283			Gallagher, William H.	88	Instant-coffee set	128				
Escalator harvester	33			Game, Sonar sub	96	Instrument libraries	88				
Euthyria, G. R.	9			Gamma globulin	303, 306	Insulin	120				
Ethiopia	56			Garbage can bag	360	Interlingua	68, 132, 220, 284, 348, 428				
Ettinger, G.	66			Garden cart	128	International	394				
Europe	30, 381, 117			Garden tool holder	376	Geophysical Months	394				
Evans, Earl Jr.	117			Gardner, Trevor	273	International research	8, 50				
Evaporation	8			Garr, Stanley M.	150	International	394				
Measuring	35, 47, 363			Garrison, Lester T.	98	Inul, Takao	55				
Executives	20			Garvin, James E.	241	Inventor	56				
Explorer satellites	135, 287			Gates, C. R.	7	Iodine-131	233, 235, 252				
Eye color	238			Gaudin, Antoine M.	241	Ion engine	233, 235, 252				
Eye shield	436			Gay, Shelton M. Jr.	286	Iran	432				
Eyer, Bird A.	349			Gebel, K. H.	286	Irascas, John D.	123				
Eyes	384			Gehrman, Charles W.	88	Iscosyns	19				
				General practitioner	84	Isoniazid	204, 300				
				Genetics	105	Isoxsuprine	39				
				George, John L.	369	Iversen, Leo	69				
				Germfree animals	432	Ives, George M.	17				
				Germination	104	Jacobi, Herbert P.	130				
				Getting, Ivan A.	255	Jacsku, J.	411				
				Grifying, Frans T.	273	Jahn, Theodore L.	209				
				Glaciot town plant	208	Jalopy bank	392				
				Gibson, Gordon D.	239	Japan	3, 6, 55, 305, 318, 374, 429				
				Gibson, J. E.	9	Jarrett, Antony	164				
				Gilbert, Horace D.	91	Jastrow, Robert	427				
				Gilbert, Perry W.	147	Jet noise	91				
				Gilinson, Philip J. Jr.	39	Jet vapor trails	82				
				Gillam, Sherman W.	39	Jinnat, Dennoeuke	263				
				Ginsburg, William	124	John, Kenneth R.	191				
				Glass, Fred M.	205	Johnson, Lyndon	273				
				Glass brick	424	Jones, Douglas	13				
				Glass film technique	333	Johns, Donald P.	126				
				Gleser, Goldine C.	133	Jude, James R.	432				
				Glover, Sidney T.	423	Juhlin, Lennart	121				
				Globe Transparent	22	Julius, 56, 134, 138					
				Godber, George H.	236	Juvenile delinquency	118, 349				
				Goddard, George W.	213	Kahn, Herman	114				
				Goetze, G. W.	102	Kaiser, George C.	396				
				Gold dredge	199	Kalmansohn, Robert B.	317				
				Goldberg, Erwin	163	Kaplan, Morris	384				
				Goldberg, Franklin H.	22	Kaplan, Norman	5				
				Goldberg, Edward W.	406	Karellts, Samuel	179				
				Goldman, Leon	184	Karlovyts, B.	133				
				Golf ball retriever	144	Karnofsky, David A.	300				
				Golf tee, Adjustable	144	Karnovsky, Manfred L.	131				
				Gordon, M. P.	189	Kashtin, A.	218				
				Gordon, Stanley	75	Kater, M.	225				
				Gould, Sydney W.	43	Kavau, J. Lee	93				
				Gout	22	Kay, L. C.	38				
				Graduate students	368	Kefauver, Estes	269				
				Graft, Split-skin	240	Kellgren, J. H.	36				
				Grand Canyon hotel	137	Kelly, E. Lowell	238				
				Grants - 36, 46, 87, 88, 41		Kelly, John S.	165, 319				
				Grasshopper cloth	25	Kelly, Kenneth	407				
				Grasshoppers	69	Kennedy, Gordon Jr.	95				
				Gray hair	332	Keneshalo, D. B.	119				
				Grayzel, A. I.	104	Kerelakes, James G.	114				
				Great Lakes	104	Key light	248				
				Great Plains	31	Kidney cancer	417				
				Greb-III satellite	65	Kidney failure	395				
				Greece	94	Kiwi B-1-A	415				
				Green, D. E.	117	Kjellberg, Raymond N.	283				
				Green, R.	50	Kieserkooper, Herman	147				
				Greenblatt, Robert B.	288	Kilgman, Albert M.	308				
				Greenburg, Leonard	91	Klieford, H. Warner	271				
				Greene, Norman D.	301	Knighton, Holmes T.	40				
				Greenewalt, David	286	Koch, Leonard J.	423				
				Greenspan, Arnold	115						
				Griffiths, T. R.	82						
				Grisson, Virgil I.	321						
				Grobman, Arnold B.	104						
				Gross, Bertram M.	184						
				Grounding device	37						
				Grownuts	347						
				Growth	416						
				Grummer, R. G.	240						

287	MacKenzie, V. G.	11	Mossbauer, Rudolf L.	317	Oro, J.	225	Potassium	263	Retardation	289
282	Magie	237	Mossman, Allen L.	157	Oscar satellite	410	Potsdam, Majic S.	412	Retrieval system	56
286	Maglic, B. C.	165	Moth control	417	Osteoporosis	54	Powell, Forbes R.	382	Retriever, Magnetic	96
406	Magnetic bottle	188	Mouse bait	8	Oster, Gerald	57	Powell, H. M.	47	Rheumatic diseases	253
401	Magnetism	147	Motivation	22	Oven protector	424	Powell, Ralph W.	353	Rheumatic fever	78, 238
255	Magnetohydro-	45	Movynhan, F. J.	240	Overweight	72	Power sources	106, 197	Rheumatism	22
255	dynamics	45	Muehlhausen, C. O.	369	Ovulation time	305	Prairie dogs	144	Rheumatoid	19
282	Magnets	21, 72, 237, 435	Mueller, Herman J.	163	Oxford University	87	Pregnancy	25, 430	spondylitis	19
189	Mail opener	80	Muniz, William P.	288	Oxygen supply	268	Press, Edward	253, 416	Rhythms, Daily	192
186	Mail signal	160	Muniz, Philip	367	Oxygen	208, 241, 253, 268	Pressley, T. A.	233	Ribicoff, Abraham	386
282	Malaria	25, 86, 191, 384	Murders	36	Oxyphenbutazone	7	Pressman, Maurice	189	Rice	120
417	Malaya	93	Murphy, Leonard M.	352	Oyama, V. I.	148	Pressman, Richard A.	189	Rich, Clayton	430
235	Malcolm, John Erskine	123	Murphy, Willard J.	382		392	Print process	376	Richards, Richard K.	54
121	Man	251	Murphy, John V.	364		110	Project chart	126	Richardson, Robert S.	386
75	Man, Ancient	83, 255, 301	Murray, Loren C.	279		300	Project Charlot	352	Richardson, William S.	167
	Man, Prehistoric	23				248	Project Gnome	165	Richterich, R.	66
		207, 301, 335				187, 319, 422	Project Rover	177, 415	Ridgway, E. C.	385
	Man in space	206, 289, 230				271	Project Syncom	146	Riecke, Glenn T.	279
	Managers	102				67	Project West Ford	303, 433	Rifkin, Richard A.	57
	Manak, Rita C.	38				236	Pump, Gas-siphoning	48	Rigby, Malcolm	272
	Mandarin, Joseph A.	25				436	Pumpkin	328	Rikhoff, George A.	279
	Manicure set	126				136			Roberts, R. H.	164
	Man, Leonard J.	126				293			Robinson, Walter Orr	413
	Mannella, Gene G.	285				288			Robinson, Jack D. Jr.	13
	Manpower shortages	24				207			Rocket engine	130
	Maps	167				56, 62, 75, 91, 107, 126, 143, 157, 179, 197, 213, 230, 236, 254, 279, 286, 310, 318, 335, 349, 374, 382, 405, 423, 430			Rocket engines	129, 134
	Marconi, Guglielmo	414				304			Rocket fuels	134, 171, 251, 415
	Margaria, Rodolfo	251				304			Rocket propellants	331
	Mariner program	251				304			Rockets	119, 267, 281, 287, 315, 331, 337, 368, 381
	Markers, Write-on	383				364			Rod, Robert L.	45
	Marmor, Leonard	383				430			Roe, Anne	159
	Marner, Gene R.	430				104			Roemer, Elizabeth	351, 363
	Mars probe	7, 267				305			Rohde, Peter	54
	Mars trip	252				78			Rooft, 5,000-ton	1, 14
	Martin, Lloyd M.	387				187			Rose, Charles	116
	Martin, M.	19				41			Rose, Kenneth D.	279
	Masers	159, 193				318			Rosin, R.	0
	Maser's light	81, 89				148			Roth, Allen G.	279
	Masur, Jack	304				115, 178, 369			Rotstein, Jerome	22
	Materials, Testing	304				163			Rover, Project	177, 415
	Mathematics	123, 254, 432				289			Rowe, Wallace P.	99
	Mathes, Paul G.	279				433			Rowling, J. T.	120
	Maxwell, Arthur E.	61				337			Rubber, Synthetic	73
	Mayall, Margaret W.	273				318			Rubber lining	303
	Mayer, Nathan	179				318			Rubin, Morton J.	147
	Mayers, Sophie	99				318			Rudolf, Paul O.	29
	Mead, Margaret	368				318			Russia	103, 118, 119, 142, 204, 218, 334, 353, 422
	Measles vaccine	78, 179, 203, 306, 374, 431				318			Russian American	352
	Meat flavor	206				318			Russian nuclear	407, 417
	Mechanic's stethoscope	232				318			tests	187, 285, 407, 417
	Medical care cost	337				318			Russian scientists	67, 121, 256
	Medical information	225				318				
	Medical library	416				318				
	Meisenheimer, Daniel T.	143				318				
	Melanoma	334				318				
	Melnick, Joseph L.	192				318				
	Memories	353				318				
	Memory, Magnetic	149				318				
	Mental diseases	54, 209				318				
	Mental health	8, 166				318				
	Mercury capsule	70, 223				318				
	Merker, Leon	430				318				
	Metal powders	136				318				
	Metals	24				318				
	Meteor, Split	235				318				
	Meteorite showers	136				318				
	Meteorites	256, 319, 413				318				
	Methicillin	337				318				
	Methotrexate	396				318				
	Methoxyflurane	206				318				
	Metric system	37				318				
	Metropolitan areas	387				318				
	Mexico	25				318				
	Meyer, Roger J.	72				318				
	Micrometers	70				318				
	Microscope, Reflecting	312				318				
	Midas satellites	51, 303				318				
	Milk	121				318				
	Milk, Radioactive	193, 380, 403				318				
	Milky Way	71				318				
	Milledge, H. Judith	23				318				
	Miller, L. C.	61, 177, 310				318				
	Mills, Harlan D.	254				318				
	Mills, William J.	253				318				
	Milson, Henry E.	352				318				
	Minerals	25				318				
	Minutization	90, 137, 271				318				
	Mining safety	415				318				
	Minivac	408				318				
	Minow, Newton M.	110				318				
	Mironenko, Y.	142				318				
	Missile systems	43				318				
	Mistletoe	424				318				
	Mitochondrion	117				318				
	Miura, Yuzo	107				318				
	Mobile, Universe	436				318				
	Moisture meter	46, 160				318				
	Monorail	39				318				
	Montgomery, R. F.	380				318				
	Moon	7, 9, 11, 45, 252				318				
	Moon base	267				318				
	Moon landing	223, 332, 352, 369				318				
	Moon map	296				318				
	Moon model	210				318				
	Moore, Shirley	114				318				
	Morgan, A.	205				318				
	Moriyama, Iwao M.	435				318				
	Morrison, Willard L.	128				318				
	Mosquito	25, 88				318				

Science aids	114	Smith, A.	25	Suds-control	424	Tuck, James L.	318	Weather	22, 80
Science career	305	Smith, Paul H.	24	Sugar	9	Tukey, Loren D.	46	Weather Bureau	40
Science clubs	14, 63, 125, 171, 204, 275, 395, 422, 428	Smithsonian Institution	23	Sulfa drugs	166, 368, 384	Tumlecks, Walter R.	206	Weather instruments	436
Science degrees	432	Smoking	10, 41	Summer institutes	414	Tumors	66, 99, 283	Weather satellite	51, 95, 146, 347, 396
Science documents	272	Snakes	121, 321, 382	Sunburn	56	Turbine vanes	49, 253	Weather station	37, 38
Science education	5, 25, 35	Snelling, Eric Charles	143	Sunspot cycle	24, 237	Turcotte, Bernard	342	Weaver, John D.	23
Science faculty	103	Sniezko, S. F.	164	Superconductors	205, 273	Turtles	160	Webb, James E.	203, 347, 410
Science fair	305, 318	Snodgrass, James M.	137	Supersonic flight	194, 302	Twins, Identical	337	Weeds	168
Science forecast	431	Soap gadgets	48, 342	Surgery	283, 288, 300, 302	Tyler, Edward T.	381	Weinberg, Alvin M.	87
Science gifts	322	Soak bank	307	Surgical stapler	67			Weiss, Carroll H.	379
Science goals, U. S.	87	Solar energy	34, 147, 427	Survival care	37			Weiss, David W.	419
Science information	85, 104, 240	Solar flares	427	Survival kits	275, 376			Weiss, Phil H.	236
Science resources	98	Solar heating	192	Sylvius, Richard H.	286			Welch, Lyndon	405
Science review	397	Soldering iron	214	Swanberg, John H.	32, 64			Wells, Philip V.	208
Science Service poll	299	Solecki, Ralph S.	363	Swim lung	408			Wenger, Don S.	37
Science talent	202, 225	Solid fuel rockets	102	Switch plate	107			West Ford needles	433
Science Talent Search	174, 323, 383	Sounds	22	Switlik, Richard	146			West Ford Project 134, 303	
Science teaching aids	312	South Pole	287, 289	Syncom Project	368, 374			Westheimer, Frank H.	193
Science understanding	103	Space	287, 289	Syphills	248			Wet mop-duster	80
Science writers	152	Space capsule name	410	Syringe, Disposable	303			Wharton, R. H.	86
Science Youth Month	152	Space capsule recovery	102	Tank cars	105			White, E. A. D.	193
Science youth program	171	Space, International cooperation	146	Tanning	136			White, James C.	300
Scientia International	68, 132, 220, 248, 348, 428	Space age summary	221	Tannery	135			White, Lauren P.	334
Scientific revolutions	411	Space animals	53, 332	Tantalum carbide	115			White, Philip L.	259
Scientists	5, 61, 86, 159	Space biology	268, 365	Tape applicator	248			White House	116
Scientists, Russian	209	Space communications	43, 134, 303, 313, 319	Tape reel container	436			Whitford, John C.	151
Scientists' income	200	Space engines	235	Taste, Bitter	240			Whitford, A. E.	326
Scorpions	9	Space flight	351, 390	Taxonomy	209			Whooping cranes	337
Scott, Stewart M.	209	Chimp	351, 390	Teachers	46, 304, 305, 414			Wichers, Edward	115
Scott, Thomas R.	45	Space flight simulator	331	Teaching machines	40, 255			Wiesner, Jerome B.	4, 134, 303
Seadriver	262, 424	Space law	282	Technical aid	34			Wilbar, Charles L. Jr.	374
Sea lions	62	Space life	251, 267	Teen-agers	3, 100			Wildler, D. G.	385
Seaborg, Glenn T.	37, 45, 177, 318	Space materials	115	Teeth, Baby	385			Wildlife	178, 369
Seal-lock detector	232	Space medicine	38	Telephone amplifier	408			Wilkes, Hollie A.	381
Seal belt pouch	424	Space men	35	Telephone voice	6			Williams, Richard E.	3
Seeds	29, 104	Space metals	331	Telescope, Photo-graphing	87			Wilson, A. Stewart	88
Seeds, Irradiated	80	Space probes	7, 70, 85, 146, 223, 251, 267	Teletest	40			Wilson, A. T.	208
Segaloff, Albert	423	Space program	119, 203	Television	118, 366			Wilson, Mary Sue	175
Segretto, Angelo	263	Space propulsion	233, 235, 287, 315, 331	Television satellite	7			Wilson, R. B.	30
Seizures	310	Space race	87, 119	Temperatures, High	133			Wilson, W. P.	22
Semonet, Joyce	232	Space recovery	199, 267	Tendons	54			Windmill power	224
Senses models	150	Space rendez-vous	410	Termites	57			Winds, Record	202
Sex chromosomes	11, 395	Space research	366	Terry, Luther L.	78, 86, 300, 306			Wingsong, R. C.	188
Sex hormones	153	Space Science Board	230	Tetanus	396			Winzenburg, Wilhelm	62
Shaffer, Joseph H.	183	Space simulation	21	Teuber, Hans-Lukas	353			Wireless	414
Shah, Prabhakar N.	304	Space survival	53, 268	Thermoelectric power	106, 151			Wolfe, John N.	316
Shandlar man	350	Space technician	235	Thermometer	424			Wolff, James A.	353
Shanley, Frances R.	393	Space travel	119, 235, 252, 267, 268	Thermometer drink stirrer	436			Women, Careers	304, 305, 432
Shapiro, Maurice M.	321	Space treaty	118	Thermostat tester	436			Women in space	119
Shapley, Harlow	69, 147, 183	Spaceships	252	Thistle	80			Wood, George I. Jr.	374
Sharks	197	Speech	133	Thorogerson, T. E.	6			Wood, Nancy E.	149
Sharma, V. K.	72	Speech machine	347	Thorneycroft, Peter	381			Wood, Decaying	57
Sharpe, John C.	204	Sperling, Irving L.	32	Thyroid	358			Wood dating	208
Shaving gear stand	16	Sperm banks	163	Tic-tac-toe	262			Wood treatment	40
Shebanov, Ph. V.	374	Spiders	225	Tikal	335			Woodchuck	278
Sheckler, Addison C.	380	Spiel, Robert	396	Timiras, Paola S.	395			Woodruff, J. H.	109
Shelf tracks	278	Spilhaus, Athelstan F.	226	Tires, High-speed	112			Woolen blankets	352
Shellfish	336	Spinal cord tumor	432	Tiros satellites	51, 95, 146, 347, 368			Wooster, Harold	271
Shelters	45, 190, 258, 316, 350, 405, 413	Spins, High-Altitude	29	Tissue culture	306			Word game	376
Shepard, Alan B., Jr.	38, 70	Spores	163	Tkiv, Gherman S.	119			World's fair	226
Sherman, Roger M.	13	Sporotrichosis	209	Toad, Wined	253			Wrench, John W. Jr.	167
Shinn, Byron M.	335	Sprague, G. 50, 219, 338	56	Tobian, Louis	263			Wrens	121
Shinners, Willard W.	95	Spruce, Neotropical	27	Tochunter, E. Neige	54			Wright, R. H.	2
Shneldman, Edwin S.	166, 384	Stanerson, B. R.	27	Tomcufck, A. S.	123			Wroblewski, Felix	19
Shock	396, 417	Stapes	195	Tool kit	200				
Shoe wave	361, 374	Staphylococci	257, 288, 352, 353	Tooth decay	26, 54			X-Ray protective gloves	408
Shoe ejector	232	Star finder	396	Toothbrush, Auto-matic	289, 392			X-Rays	9, 102, 109, 241, 253, 256, 384, 416
Shoemaker, E. M.	103	Star of Bethlehem	38	Touch	66			X-Rays, Dental	430
Shreckengost, Raymond C.	143	Starlings	78	Toulmin, Harry A. Jr.	157				
Shubin, Harry	257	Stars	53, 58, 138, 210, 290, 354, 411, 418	Tower, Tallest	165				
Shutler, Richard Jr.	148	Stars, Variable	273	Toy, Action	87				
Sidles, James C.	157	Starter, Push-button	96	Tracking antenna	146				
Siegel, Alan C.	45	Stationery embosser	408	Tracking camera	87				
Siegel, M. W.	381	Steel boots	347	Traction mats	262				
Sigler, John	19	Steel garments	352	Traction accidents	142				
Silicon	52	Stellarator	345, 349	Trails, Plastic	167				
Silverware basket	296	Stereo tape recorder	383	Trailer, Alfred D.	179				
Simmons, R. E.	366	Stettenheim, Peter	383	Tralongo, Sebastian J.	30				
Singer, S. F.	433	Stewart, Harris B.	101	Translucizers	9, 130				
Sinks, James T.	99	Stewart, T. Dale	255, 301	Transistor checker	296				
Sinton, W. M.	411	Stillbirths	78	Transistor radio	85, 96				
Siple, Paul A.	410	Stishkovite	413	Transit satellites	37, 287, 365				
Siskin, Milton	286	Stokes, Joseph Jr.	203	Transmitter	43				
Skeleton	19	Stokes, William Lee	335	Transplants	253				
Skul cave	301	Stolte, Stefan C.	103	Travel, Janet	39				
Ski boots case	352	Stop nut kit	278	Trays, Plastic	144				
Ski slope, Indoor	2, 20, 56	Stratosphere	86	Tree guide	32				
Skin	279	Strause, Eric L.	26	Trees	29, 40, 406, 432				
Skin, Cooling	334	Streptococci	20	Trexler, P. C.	214				
Skin, Synthetic	225	Stress	205	Tricycle	278				
Skin disorders	121	Strikes	318	Trigger guard	335				
Skin grafts	13, 273, 390	Strong, John	193	Trik, Aubrey S.	430				
Skinners, B. F.	22	Strontium-90	365	Tripple, Graham	192				
Sleep	368	Stubbs, Marshall	224	Troitsky, V.	11				
Sleeping pills	342	Stuhlinger, Ernest	252	Tuberculosis	204, 270, 300				
Slatsinger, Marvin H.	262, 342	Sturmer, Leonard J.	230	Tuberculosis germs	419				
Slide projector	262, 342	Suborbital flights	82						
Smallwood, Richard D.	255								
Smell	255								

20
40
436

306
88
23

410
168
87
379
419
236
405
208

37
433
303
193
80
86
193
300
334
259

116
151
326
337
115

303
374
385
369
381

3
88
208
175
20
22
224
202
188
62
414
816
853

432
119
474
49
57
006
40
778
009
252
771
776
226
67
21
2
19

08

16
30

53
30
6
20
03
94
72
55

67
40
69
56
66
53
83
30
04
93

86
99